

LIST OF COMMERCIAL SOURCES**EFFECTIVE: July 31, 2016****ATTENTION: ALL DISTRICTS****LIST OF SOURCES CHECKED UNDER ARTICLE 703.2 OF THE 2002 CONSTRUCTION MANUAL FOR QUALITY CONTROL OF COMMERCIAL SOURCES, NOTE 4, AND MP 700.00.01.**

<u>SOURCE CODE</u>	<u>COMPANY</u>	<u>PRODUCING SITE</u>	<u>TYPE MATERIAL</u>	<u>REPORT NUMBER</u>
AAQ1.01.704	“AA” Quarry	Grayson, KY	C. Agg-Limestone F. Agg-Limestone	1451358 1451359
AIC1.02.704	Aggregate Industries	La Plata, MD	F. Agg-Silica Sand	1451904 Note 1
AIC1.03.704	Aggregate Industries (Dolomite)	Millville, WV	C. Agg-Limestone F. Agg-Limestone	1451905 Note 1 1451906 Note 1
AAC1.02.704	Allegany Aggregates	Flintstone, MD	C. Agg-Limestone	1451178
AAC1.01.704	Allegany Aggregates	Short Gap, WV	C. Agg-Limestone F. Agg-Limestone	1451242 1451243
JFA2.02.704	Allen, J. F.	Elkins, WV	C. Agg-Limestone F. Agg-Limestone	1451726 1451727
JFA2.01.704	Allen, J. F. (Mashey Gap Quarry)	Elkins, WV	C. Agg-Limestone F. Agg-Limestone	1451728 1451729
BSG1.01.704	Belpre Sand & Gravel	Little Hocking, OH	C. Agg- Gravel F. Agg-Silica Sand	1451384 1451299
LCC1.02.704	Bluegrass Material	Warfordsburg, PA	C. Agg-Limestone F. Agg-Limestone	1451921 Note 1 1451922 Note 1
BAC1.02.704	Appalachian Agg. of WV	Lewisburg, WV	C. Agg-Limestone F. Agg-Limestone	1451718 1451719
BAC1.03.704	Appalachian Agg. of WV	Mill Point, WV	C. Agg-Limestone F. Agg-Limestone	1451720 1451721
BCS1.01.704	Brushey Creek Stone	Olive Hill, KY	C. Agg-Limestone F. Agg-Limestone	1451360 1451361
BSC2.01.704	Buckeye Stone	Blaney Hollow, WV	C. Agg-Limestone F. Agg-Limestone	1451884 Note 1 1451885 Note 1
CLC1.03.704	Carmeuse Lime	Maysville, KY	C. Agg-Limestone F. Agg-Limestone	1451385 1451386
CLC1.01.704	Carmeuse Lime	Clearbrook, VA	C. Agg-Limestone F. Agg-Limestone	1451230 1451229

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<u>SOURCE CODE</u>	<u>COMPANY</u>	<u>PRODUCING SITE</u>	<u>TYPE MATERIAL</u>	<u>REPORT NUMBER</u>
CLC1.02.704	Carmeuse Lime	Strasburg, VA	C. Agg-Limestone F. Agg-Limestone	1451228 1451227
CSS1.01.704	Cool Springs Stone Supply	Hopwood, PA	C. Agg-Limestone F. Agg-Limestone	1451880 Note 1 1451881 Note 1
DEC1.01.704	Dillon, E. & Co.	Swords Creek, VA	C. Agg-Limestone F. Agg-Limestone	1451829 Note 1 1451830 Note 1
FMC1.01.704	Fairfax Materials	Arthur, WV	C. Agg-Limestone F. Agg-Limestone	1451244 1451245
FMC1.02.704	Fairfax Materials	Scherr, WV	C. Agg-Limestone F. Agg-Limestone	1451246 1451247
FMC1.03.704	Fairfax Materials (Sand Plant)	Thomas, WV	F. Agg-Silica Sand Manufactured	1451892 Note 1
GIC1.02.704	Greer Industries	Greer, WV	C. Agg-Limestone F. Agg-Limestone	1451888 Note 1 1451889 Note 1
GIC1.03.704	Greer Industries (Deckers Creek)	Greer, WV	C. Agg-Limestone F. Agg-Limestone	1451886 Note 1 1451887 Note 1
GIC1.04.704	Greer Industries (Cheat River)	Rowlesburg, WV	C. Agg-Limestone F. Agg-Limestone	1451890 Note 1 1451891 Note 1
GIC1.01.704	Greer Lime (Germany Valley)	Riverton, WV	C. Agg-Limestone F. Agg-Limestone	1431248 1431249
HAC1.02.704	Hanson Aggregates	New Kensington, PA	C. Agg-Gravel	1451879 Note 1
HBB1.01.704	Hilltop (Big Bend Quarry)	Battletown, KY	C. Agg-Limestone F. Agg-Limestone	1451455 1451456
HBR1.01.704	Hilltop Basic Resources	Patriot, IN	C. Agg-Gravel F. Agg-Silica Sand	1451458 1451457
IQC1.01.704	Inwood Quarry	Inwood, WV	C. Agg-Limestone F. Agg-Limestone	1451222 1451221

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<u>SOURCE CODE</u>	<u>COMPANY</u>	<u>PRODUCING SITE</u>	<u>TYPE MATERIAL</u>	<u>REPORT NUMBER</u>
JIC1.01.704	Jaymar, Inc.	Reedsville, OH	C. Agg-Gravel F. Agg-Silica Sand	1451459 1451460
LLL1.01.704	Latham Stone	Latham, OH	C. Agg-Limestone F. Agg-Limestone	1451173 1451174
LAC1.01.704	Laural Aggregates	Lake Lynn, PA	C. Agg-Limestone F. Agg-Limestone	1451882 Note 1 1451883 Note 1
LSG1.01.704	Letart Sand & Gravel	Gallipolis Ferry, WV	C. Agg-Gravel F. Agg-Silica Sand	1451461 1451462
LSC1.01.704	Lucks Stone Co.	Leesburg, VA (Goose Creek Plant)	C. Agg-Diabase	1451907 Note 1
LSC1.02.704	Lucks Stone Co. (Leesburg Plant)	Leesburg, VA	C. Agg-Diabase	1451908 Note 1
MMA1.04.704	Martin Marietta Aggregates	Apple Grove, OH	C. Agg-Gravel F. Agg-Silica Sand	1451463 1451464
MMA1.05.704	Martin Marietta Aggregates	Boonesboro, MD	C. Agg-Limestone F. Agg-Limestone	1451910 Note 1 1451909 Note 1
MMA1.02.704	Martin Marietta (Burning Springs)	Petroleum, WV	C. Agg-Limestone F. Agg-Limestone	1451304 1451305
MMA1.03.704	Martin Marietta Aggregates	Pinesburg, MD	C. Agg-Limestone F. Agg-Limestone	1451912 Note 1 1451911 Note 1
MMA1.06.704	LaFarge (Three Rivers)	Smithland, KY	C. Agg-Limestone F. Agg-Limestone	1451408 1451409
MMC2.01.704	Maryland Minerals	Accident, MD	F. Agg-Silica Sand Manufactured	1451918 Note 1
MSP1.01.704	Meadows Stone & Paving	Monterville, WV	C. Agg-Limestone F. Agg-Limestone	1451724 1451725

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<u>SOURCE CODE</u>	<u>COMPANY</u>	<u>PRODUCING SITE</u>	<u>TYPE MATERIAL</u>	<u>REPORT NUMBER</u>
MCS1.01.704	Mercer Crushed Stone	Princeton, WV	C. Agg-Limestone F. Agg-Limestone	1451831 Note 1 1451832 Note 1
MSG1.01.704	Midvale Sand & Gravel	Midvale, OH	C. Agg-Gravel F. Agg-Silica Sand	1451302 1451303
MAC1.01.704	Mountain Aggregates	Elkhorn City, KY	C. Agg-Limestone F. Agg-Limestone	1451366 1451367
MAC1.02.704	Mountain Aggregates	Jenkins, KY	C. Agg-Limestone F. Agg-Limestone	1451373 1451368
MMC1.02.704	Mountain Materials	Carter City, KY	C. Agg-Limestone F. Agg-Limestone	1450410 1450409
MMC1.01.704	Mountain Mat. (Valley Quarry)	Olive Hill, KY	C. Agg-Limestone F. Agg-Limestone	1451362 1451363
MSC1.01.704	Mountain Slag	Greenup, KY	C. Agg-Slag F. Agg-Slag	1451364 1451365
MCS2.01.704	Mulzer Stone	Cape Sandy, IN	C. Agg-Limestone F. Agg-Limestone	1451410 1451411
MCS2.02.704	Mulzer Stone (Dolomite)	Charlestown, IN	C. Agg-Limestone F. Agg-Limestone	1451453 1451454
MCS2.03.704	Mulzer Stone	New Amsterdam, IN	C. Agg-Limestone F. Agg-Limestone	1451412 1451413
RAC1.01.704	Rockydale Aggregates	Broadway, VA	C. Agg-Limestone F. Agg-Limestone	1451226 1451225
RAC1.02.704	Rockydale Aggregates	Timberville, VA	C. Agg-Limestone F. Agg-Limestone	1451224 1451223
NLS1.01.704	National Lime and Stone	Carey, OH	C. Agg-Limestone F. Agg-Limestone	1451387 1451388
NES1.01.704	New Enterprise Stone (Ashcom)	Everett, PA	C. Agg-Limestone F. Agg-Limestone	1451923 Note 1 1451924 Note 1

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<u>SOURCE CODE</u>	<u>COMPANY</u>	<u>PRODUCING SITE</u>	<u>TYPE MATERIAL</u>	<u>REPORT NUMBER</u>
NSG1.01.704	Nugent Sand & Gravel	Milton, KY	C. Agg-Gravel	1451449
			F. Agg-Silica Sand	1451450
PSG1.01.704	Piketon Sand & Gravel	Piketon, OH	C. Agg-Gravel	1451465
			F. Agg-Silica Sand	1451466
PRS1.01.704	Hanson Aggregates (Plum Run Stone)	Peebles, OH	C. Agg-Limestone	1451467
			F. Agg-Limestone	1451468
PMQ1.02.704	Pounding Mill Quarry No. 1	Pounding Mill, VA	C. Agg-Limestone	1451833 Note 1
			F. Agg-Limestone	1451834 Note 1
PMQ1.01.704	Pounding Mill Quarry No. 2	Bluefield, VA	C. Agg-Limestone	1451835 Note 1
			F. Agg-Limestone	1451836 Note 1
PMQ1.03.704	Pounding Mill Quarry No. 3	Rocky Gap, VA	C. Agg-Limestone	1451847 Note 1
			F. Agg-Limestone	1451848 Note 1
RBS1.01.704	RBS Quarry (Greystone)	Lewisburg, WV	C. Agg-Limestone	1451722
			F. Agg-Limestone	1451723
RSC1.01.704	Riverside Stone	Wolf Creek, KY	C. Agg-Limestone	1451451
			F. Agg-Limestone	1451452
SSC1.01.704	Salem Stone (Quartzite)	Sylvatus, VA	C. Agg-Quartzite	1451849 Note 1
			F. Agg-Quartzite	1451850 Note 1
SMC1.02.704	Shelly Materials (Willow Island/Reno)	Marietta, OH	C. Agg-Gravel	1451471
			F. Agg-Silica Sand	1451472
SMC1.01.704	Shelly Materials (Portland Plant)	Portland, OH	C. Agg-Gravel	1451469
			F. Agg-Silica Sand	1451470
SCS1.01.704	South Central Sand and Gravel	Piketon, OH	F. Agg-Silica Sand	1451172
SWV1.01.704	Southern West Virginia Asphalt (Kelly Mountain)	Elkins, WV	C. Agg-Limestone	1451730
			F. Agg-Limestone	1451731
SSG1.01.704	Stocker Sand & Gravel	Gnadenhutten, OH	C. Agg-Gravel	1451306
			F. Agg-Silica Sand	1451307

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<u>SOURCE CODE</u>	<u>COMPANY</u>	<u>PRODUCING SITE</u>	<u>TYPE MATERIAL</u>	<u>REPORT NUMBER</u>
SMP2.01.704	Stuart M. Perry	Winchester, VA	C. Agg-Limestone F. Agg-Limestone	1451220 1451219
SMP2.02.704	Stuart M. Perry	Berryville, VA	C. Agg-Limestone F. Agg-Limestone	1451217 1451218
SMC2.01.704	Subtropolis Mining Company	Petersburg, OH	C. Agg-Limestone F. Agg-Limestone	1451308 1451309
VQC1.01.704	Valley Quarries	Chambersburg, PA	C. Agg-Limestone F. Agg-Limestone	1451925 Note 1 1451926 Note 1
VQC1.02.704	Valley Quarries	Gettysburg, PA	C. Agg-Dolomite F. Agg-Dolomite	1451927 Note 1 1451928 Note 1
WCC1.01.704	Melvin Stone	Oak Hill, OH	F. Agg-Limestone	1451474
WSC1.01.704	Wythe Stone	Wytheville, VA	C. Agg-Limestone F. Agg-Limestone F. Agg-Silica Sand (Manufactured)	1451851 Note 1 1451852 Note 1 1451853 Note 1

- * Removed from list this quarter
- ** Added to list this quarter
- *** Name change
- **** Location change

THE FOLLOWING SOURCES ARE APPROVED FOR LIMITED APPLICATION ONLY. SEE QUALIFYING STATEMENT ON TEST REPORT TO DETERMINE WHICH APPLICATIONS ARE NOT SUITABLE FOR THIS MATERIAL.

<u>SOURCE CODE</u>	<u>COMPANY</u>	<u>PRODUCING SITE</u>	<u>TYPE MATERIAL</u>	<u>REPORT NUMBER</u>
BAC1.01.704	Appalachian Aggregates	Beckley, WV	C. Agg-Sandstone F. Agg-Sandstone	1451827 Note 1 1451828 Note 1

Aggregate from the above named company and producing site(s) have been sampled and tested in compliance with the 2002 Construction Manual. Said tests have been evaluated with respect to the Standard Specifications 2010 and the sources are identified as supplying materials which have been found to meet the requirements of said specs, exceptions noted above. Additional sources and/or types of material will be sampled and tested as outlined above and corresponding evaluations will be supplied as an addendum to this report. If District and/or Contractor personnel want additional sources evaluated, a request for pretest service should be made to the Materials Control, Soils and Testing Division (MCS&T Division). When the type and source of material which has current approval is used on a State job, District personnel should request coverage for same in the usual manner but a complete description of material source and quality check lab number must be provided.

Note 1:

Sources sampled and tested this quarter and assigned new report numbers.

Note 2:

Because of the additional qualifications required for Item 402, Hot-Mix Asphalt Skid Resistant Pavement, this list of sources and the corresponding report numbers may not be used for approval of any quantities of said item unless otherwise noted. Notification of acceptable and potential skid resistant aggregate sources and means of evaluation are contained in the "List of Potential Skid Resistant Sources and Ratings".

LIST OF POTENTIAL SKID RESISTANT SOURCES AND RATING

The following aggregate sources have demonstrated skid resistant potential and may be considered for use in Item 402; Hot Mix Asphalt Skid Resistant Pavement. There may be inadvertent omissions from this list which would include sources unknown to the Division at the time this list was compiled. Failure to appear on this list does not necessarily preclude the use of such material providing acceptance of that material, through appropriate testing, is documented by the Division. Final acceptance will be based on test results derived prior to use and applicable to Section 402.2. Each source has been rated in accordance with the sampling and acceptance procedures applicable to that source. The different ratings for said procedures were derived dependent upon accumulated data and/or conditions existing within the quarry (production processes). To determine acceptance procedures and testing necessary for approval of a particular source, compare the applicable rating with the rating description included herewith. All sampling, testing, and documentation will be in accordance with Division policy. This list will be issued periodically as additions and/or rating changes occur.

<u>SOURCE CODE</u>	<u>COMPANY</u>	<u>PRODUCING SITE</u>	<u>SOURCE RATING</u>
BAC1.01.704	Appalachian Aggregates	Beckley, WV	A-1
BAC1.04.704	Boxley Aggregates	Martinsville, VA	A-1
CSS1.01.704	Cool Springs Stone Supply	Hopwood, PA	A-1
LSC1.01.704	Luck Stone Co. (Goose Creek Plant)	Leesburg, VA	A-1
LSC1.02.704	Luck Stone Co. (Leesburg Plant)	Leesburg, VA	A-1
MSC1.01.704	Mountain Slag	Greenup, KY	A-1
SSC1.01.704	Salem Stone	Sylvatus, VA	A-1

A-1 RATING

The source is listed on the Division's "List of Commercial Sources". Material from this source may be used without further quality testing. Coverage for the use of this source material need only reference source report number documented on the Division's "List of Commercial Sources".

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HAC1.02.704	Hanson Aggregates	New Kensington, PA	A-2
JIC1.01.704	Jaymar, Inc.	Reedsville, OH	A-2
MMA1.04.704	Martin Marietta Aggregates	Apple Grove, OH	A-2
MMC1.02.704	Mountain Materials	Carter City, KY	A-2
MCS2.02.704	Mulzer Stone	Charlestown, IN	A-2
PSG1.01.704	Piketon Sand & Gravel	Piketon, OH	A-2
PRS1.01.704	Plum Run Stone	Peebles, OH	A-2
SMC1.02.704	Shelly Materials (Willow Island/Reno)	Marietta, OH	A-2
SSG1.01.704	Stocker Sand & Gravel	Gnadenhutten, OH	A-2

A-2 RATING

Although listed on the Division's "List of Commercial Sources", this source, when used for Item 402, needs further testing, i.e., carbonate or elemental magnesium content. Coverage for the quality (LA, soundness, deleterious) of the source material may reference source report number documented on the Division's "List of Commercial Sources". Coverage for carbonate or elemental magnesium content must reference the carbonate or elemental magnesium report number. Sampling for the above tests will be performed by District personnel before utilization and at a subsequent frequency of one sample per 10,000 tons utilized.

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JFA2.02.704	Allen, J. F.	Elkins, WV	A-3
JFA2.01.704	Allen, J. F. (Mashey Gap Quarry)	Elkins, WV	A-3
BSC2.01.704	Greer Industries (Buckeye Stone)	Blaney Hollow, WV	A-3
LAC1.01.704	Laural Aggregates (Lake Lynn Quarry)	Lake Lynn, PA	A-3
SWV1.01.704	Southern West Virginia Asphalt (Kelly Mountain)	Elkins, WV	A-3

A-3 RATING

Although listed on the Division's "List of Commercial Sources", this source, when used for Item 402, must be sampled and approved per stockpile. Coverage for quality (LA, soundness, deleterious) and other qualifying skid criteria, if applicable, shall be based on sample results generated through stockpile sampling. Sampling may be performed by District and/or Central Division (Materials Control, Soils and Testing Division) personnel.

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KLC1.01.709	Keystone Lime (Grey)	Springs, PA	B-1
LSC1.03.704	Lucks Stone Co.	Charlottesville, VA	B-1
VMC1.01.704	Vulcan Materials (Sanders Quarry)	Warrenton, VA	B-1

B-1 RATING

This source is not listed on the Division's "List of Commercial Sources". Acceptance of this material shall be by the "Local Source" system of approval. That is, this source will be sampled for quality (LA, soundness, deleterious) by District personnel utilizing a sampling frequency of one sample for each 6 days of production. Because of the nature of this material, and its relationship to total production, further qualifying skid criteria is not required.

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GSG2.01.704	Georgetown Sand &	Georgetown, PA	B-2
KLC1.02.709	Keystone Lime (Red)	Springs, PA	B-2
NES1.03.704	New Enterprise Stone	Bakersville, PA	B-2
NES1.02.704	New Enterprise Stone	Roaring Springs, PA	B-2
SSC2.01.704	Shelly and Sands	Richmondale, OH	B-2

B-2 RATING

The source is not listed on the Division's "List of Commercial Sources". Acceptance of this material will be per stockpile. Coverage for quality (LA, soundness, deleterious) and other applicable qualifying skid criteria shall be based on sample results generated through stockpile sampling. Sampling may be performed by District and/or Central Division (MCS&T Division) personnel.

LIST OF LIGHTWEIGHT FINE AGGREGATE FOR CONCRETE CONSTRUCTION

<u>SOURCE CODE</u>	<u>COMPANY</u>	<u>PRODUCING SITE</u>	<u>TYPE MATERIAL</u>	<u>REPORT NUMBER</u>
DIA1.01.702	DiGeronimo	Independence, OH	Haydite ¹ (Expanded Shale)	1451589
GAR1.01.702	Garick	Erwinville, LA	Riverlite ² (Expanded Clay)	Supply Depleted
KSC1.01.703	Kentucky Solite	Brooks, KY	Solite ¹ (Expanded Shale)	1451591

Lightweight Fine Aggregate (LFA) from the above named company(ies) and producing site(s) have been sampled and tested in compliance with MP 700.00.01. Said tests have been evaluated with respect to the Special Provisions, Section 601, Structural Concrete Internal Curing. ¹Source is on a stockpile by stockpile approval. When Stock pile is depleted, the source must be resampled and assigned a new approval number. ²Source pertains only to a yard stockpile. A bill of lading should be required. If District and/or Contractor personnel want additional sources evaluated, a request for pretest service should be made to the Materials Control, Soils and Testing Division (MCS&T Division). When the type and source of material which has current approval is used on a State job, District personnel should request coverage for same in the usual manner but a complete description of material source and quality check lab number must be provided.

LIST OF LIGHTWEIGHT COARSE AGGREGATE FOR CONCRETE CONSTRUCTION

<u>SOURCE CODE</u>	<u>COMPANY</u>	<u>PRODUCING SITE</u>	<u>TYPE MATERIAL</u>	<u>REPORT NUMBER</u>
DIA1.01.702	DiGeronimo	Independence, OH	Haydite ¹ (Expanded Shale)	1451590
GAR1.01.702	Garick	Erwinville, LA	Riverlite ² (Expanded Clay)	Supply Depleted
KSC1.01.703	Kentucky Solite	Brooks, KY	Solite ¹ (Expanded Shale)	1451592

Lightweight Coarse Aggregate (LCA) from the above named company(ies) and producing site(s) have been sampled and tested in compliance with MP 700.00.01. Said tests have been evaluated with respect to the West Virginia Division of Highways Standard Specifications 2010, Section 703.5 Structural Concrete. ¹Source is on a stockpile by stockpile approval. When Stock pile is depleted, the source must be resampled and assigned a new approval number. ²Source pertains only to a yard stockpile. A bill of lading should be required. If District and/or Contractor personnel want additional sources evaluated, a request for pretest service should be made to the Materials Control, Soils and Testing Division (MCS&T Division). When the type and source of material which has current approval is used on a State job, District personnel should request coverage for same in the usual manner but a complete description of material source and quality check lab number must be provided.

* Removed from list this quarter

** Added to list this quarter

*** Name change

***** Acceptable dolomite may be used alone or as a part of a coarse aggregate blend on roadways with a projected ESAL value of less than 3,000,000. On roadways with a projected ESAL value of 3,000,000 or greater, acceptable dolomite may be used only as a part of the coarse aggregate blend and shall not exceed 50% of that blend.

***** The Source Rating has been changed.